



Sheet 1 of 1 ()

Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.
0044-0270PAPPLICATION NO.
10/674,388APPLICANT
Hiroaki TAKA et al.FILING DATE
October 1, 2003GROUP
2837**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
qa	US 4,634,949		1987-01-06	Golladay			
	US						
	US						
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	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
qa	JP	11164598		1999-06-18	JAPAN (W/ABSTRACT)				
qa	JP	62126891		1987-06-09	JAPAN (W/ABSTRACT)				
qa	EP	0 666 643	A1	1995-08-09	WIPO				

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

Eden

DATE CONSIDERED

8/5/2005

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JAK/bsh